



FORM PTO 1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	SERIAL NO. 08/924,407	CASE NO. 5050/230
	FILING DATE August 22, 1997	GROUP ART UNIT 3305
	APPLICANT(S): Hossack et al.	

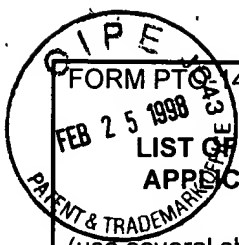
REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
14	A1	3,640,271	2/8/72	Horton		
	A2	4,100,916	7/18/78	King		
	A3	4,712,037	12/8/87	Verbeek et al.		
	A4	4,849,692	7/18/89	Blood		
	A5	4,945,305	7/31/90	Blood		
	A6	5,040,537	8/20/91	Katakura		
	A7	5,111,823	5/12/92	Cohen		
	A8	5,115,809	5/26/92	Saitoh et al.		
	A9	5,127,409	7/7/92	Daigle		
	A10	5,135,000	8/4/92	Akselrod et al.		
	A11	5,159,931	11/3/92	Pini		
	A12	5,190,766	3/2/93	Ishihara		
	A13	5,195,520	3/23/93	Schlieff et al.		
	A14	5,197,477	3/30/93	Peterson et al.		
	A15	5,215,680	6/1/93	D'Arrigo		
	A16	5,219,401	6/15/93	Cathignol et al.		
	A17	5,233,994	8/10/93	Shmulewitz		
	A18	5,255,683	10/26/93	Monaghan		
	A19	5,287,753	2/22/94	Routh et al.		
	A20	5,305,756	4/26/94	Entrekin et al.		
	A21	5,313,948	5/24/94	Murashita et al.		
	A22	5,329,496	7/12/94	Smith		
	A23	5,353,354	10/4/94	Keller et al.		
	A24	5,358,466	10/25/94	Aida et al.		
	A25	5,380,411	1/10/95	Schlieff		
	A26	5,386,830	2/7/95	Powers et al.		
	A27	5,396,285	3/7/95	Hedberg et al.		
	A28	5,398,691	3/21/95	Martin et al.		
	A29	5,409,688	4/25/95	Quay		
	A30	5,410,205	4/25/95	Gururaja		
	A31	5,410,516	4/25/95	Uhlendorf et al.		
	A32	5,417,213	5/23/95	Prince		
	A33	5,417,214	5/23/95	Roberts et al.		
	A34	5,425,366	6/20/95	Reinhardt et al.		

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	A35	5,433,204	7/18/95	Olson		
	A36	5,433,207	7/18/95	Pretlow, III		
	A37	5,435,310	7/25/95	Sheehan et al.		
	A38	5,438,554	8/1/95	Seyed-Bolorforosh et al.		
	A39	5,443,071	8/22/95	Banjanin et al.		
	A40	5,454,371	10/3/95	Fenster et al.		
	A41	5,456,255	10/10/95	Abe et al.		
	A42	5,456,257	10/10/95	Johnson et al.		
	A43	5,469,849	11/28/95	Sasaki et al.		
	A44	5,471,990	12/5/95	Thirsk		
	A45	5,474,073	12/12/95	Schwartz et al.		
	A46	5,479,926	1/2/96	Ustuner et al.		
	A47	5,482,046	7/9/96	Deitrich		
	A48	5,523,058	6/4/96	Umemura et al.		
	A49	5,526,816	6/18/96	Arditi		
	A50	5,540,909	6/30/96	Schutt		
	A51	5,546,807	8/20/96	Oxaal et al.		
	A52	5,558,092	9/24/96	Unger et al.		
	A53	5,560,364	10/1/96	Porter		
	A54	5,562,095	10/8/96	Downey et al.		
	A55	5,562,096	10/8/96	Hossack et al.		
	A56	5,577,505	11/26/96	Brock-Fisher et al.		
	A57	5,579,768	12/3/96	Klesenski		
	A58	5,579,770	12/3/96	Finger		
	A59	5,580,575	12/3/96	Unger et al.		
	A60	5,588,435	12/31/96	Weng et al.		
	A61	5,601,085	2/11/97	Ostensen et al.		
	A62	5,601,086	2/11/97	Pretlow, III et al.		
	A63	5,608,690	3/4/97	Hossack et al.		
	A64	5,617,862	4/8/97	Cole et al.		
	A65	5,623,928	4/29/97	Wright et al.		
	A66	5,628,322	5/13/97	Mine		
	A67	5,632,277	5/27/97	Chapman et al.		
	A68	5,655,535	8/12/97	Friemel et al.		
	A69	5,675,554	10/7/97	Cole et al.		
	A70	5,678,554	10/21/97	Hossack et al.		
	A71	5,685,308	11/11/97	Wright et al.		

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<i>h</i>	A72	5,696,737	12/9/97	Hossack et al.		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO
<i>h</i>	A	EP 0 357 164	unknown	EPO (UK)		
	A73	EP 0 770 352 A1	2 May 1997	EPO		

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
<i>h</i>	A74	Deborah J. Rubens, M.D., "Sonoelasticity Imaging of Prostate Cancer: In Vitro Results." Radiology, Vol. 195, No. 2, 1995.
	A75	T.G. Leighton, "Transient excitation of insonated bubbles." Research Notes.
	A76	Erick J. Chen, et al., "Young's Modulus Measurements of Soft Tissues with Application to Elasticity Imaging." IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, Vol. 43, No. 1, Jan. 1996.
	A77	Pi Hsien Chang, et al., "Second Harmonic Imaging and Harmonic Doppler Measurements with Alburnex." IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, Vol. 42, No. 6, Nov. 1996.
	A78	Marc Gensane, "Bubble population measurements with a parametric array." 1994 Acoustical Society of America, 95 (6) June.
	A79	Ken Ishihara et al., "New Approach to Noninvasive Manometry Based on Pressure Dependent Resonant Shift of Elastic Microcapsules in Ultrasonic Frequency Characteristics." Japanese J. of Applied Physics, Vol. 2 (1988).
	A80	Shmuel Gottlieb, M.D. et al., Effect of Pressure on Echocardiographic Videodensity from Sonicated Albumin: An In Vitro Model." J. Ultrasound Med. 14 (1995).
	A81	J.W. Norris, "The non-linear oscillation of a radially symmetric bubble in a time periodic pressure field." Dynamics and Stability of Systems, Vol. 9, No. 1 (1994).
	A82	Michael S. Longuet-Higgins, Resonance in nonlinear bubble oscillations." J. Fluid Mech. (1991) Vol. 224.
	A83	Chiang C. Mei, et al., "Parametric resonance of a spherical bubble." J. Fluid Mech. (1991) Vol. 229.
	A84	V.L. Newhouse, et al., "Bubble size measurements using the nonlinear mixing of two frequencies." J. Acoust. Soc. Am. 75 (5), May 1984.

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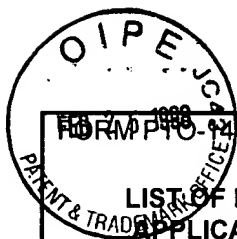
EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
A	A85	Janet B. Jones-Oliveira, et al., "Transient fluid - solid interaction of submerged spherical shells revisited: Proliferation of frequencies and acoustic radiation effects." Acoustical Society of America, 96(2) Pt. 1, August 1994.
	A86	Chandra M. Sehgal, PhD., et al., "Sonographic Enhancement of Renal Cortex by Contrast Media." J. Ultrasound Med., 14 (1995).
	A87	William Armstrong et al., "Position Paper on Contrast Echocardiography", Am. Soc. of Echocardiography, 6/6/94.
	A88	Fred Lee, Jr., M.D., "Sonoelasticity Imaging: Results in in Vitro Tissue Specimens." Radiology, Vol. 181, No. 1 Oct. 1991.
	A89	Kevin J. Parker, PhD, et al., "Sonoelasticity of Organs: Shear Waves Ring a Bell." J. Ultrasound Med. 11 (1992).
	A90	Nico de Jong, "Physical properties and technical aspects of ultrasound contrast agents." (one page)
	A91	Robert M. Lerner, et al., "'Sonoelasticity' Images Derived from Ultrasound Signals in Mechanically Vibrated Tissues." Ultrasound in Med. and Biol., Vol. 16, No. 3, 1990.
	A92	J. Ophir, et al., "Elastography: A Quantitative Method for Imaging the Elasticity of Biological Tissues." Ultrasonic Imaging 13, (1991).
	A93	J.A. Hossack, et al., "Improving transducer performance using multiple active layers." SPIE Vol. 1733 (1992).
	A94	Volkmar Uhlendorf, et al., "Nonlinear Acoustical Response of Coated Microbubbles in Diagnostic Ultrasound." IEEE 1994 Ultrasonics Symposium.
	A95	John A. Hossack, et al., "Improving the Characteristics of a Transducer Using Multiple Piezoelectric Layers." IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, Vol. 40, No. 2, March 1993.
	A96	"HP Ultrasound Technologies - Viability." About HP Ultrasound Imaging, WWW document 1997.
	A97	Ted Christopher, "Finite Amplitude Distortion-Based Inhomogeneous Pulse Echo Ultrasonic Imaging." IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, Vol. 44, No. 1, January 1997.
	A98	"Supplement to Journal of the American College of Cardiology." American College of Cardiology, 45 th Annual Scientific Session, March 24-27, 1996 pgs. 21A, 63A, 239-240A.
	A99	Yang-Sub Lee, et al., "Time-domain modeling of pulsed finite-amplitude sound beams." J. Acoustical Society of America, 97 (2), February 1995.
A	100	Michalakakis A. Averkiou, et al. "Self-demodulation of amplitude and frequency. Modulated pulses in a thermoviscous fluid", J. Acoustical Society of America, Vol. 94, No. 5, November 1993.
	101	Kotaro Sato, et al., "Numerical analysis of a gas bubble near a rigid boundary in an oscillatory pressure field." J. Acoustical Society of America, 93 (4), April 1993.

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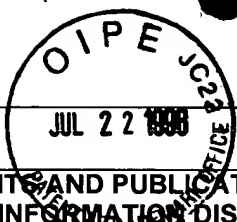


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	A 102	L.W. Anson et al., "Ultrasonic scattering from spherical shells including viscous and thermal effects." J. Acoustical Society of America, 93 (4), April 1993.
	A 103	K.J. Parker, et al., "Tissue Response to Mechanical Vibrations for 'Sonoelasticity Imaging'." Ultrasound in Med. & Biol., Vol. 16, No. 3, (1990).
	A 104	B. Schrope, et al., "Simulated Capillary Blood Flow Measurement Using A Nonlinear Ultrasonic Contrast Agent," Ultrasonic Imaging 14 (1992).
	A 105	H. Edward Karrer, et al., "A Phased Array Acoustic Imaging System for Medical Use." 1980 Ultrasonics Symposium.
	A 106	"Small Spheres Lead to Big Ideas." Research News, Science Vol. 267, 20 Jan. 1995.
	A 107	excerpt from Ultrasonics: Fundamentals and Applications (1992), pgs. 380-393, 363-65.
	A 108	Abstracts Journal of the American Society of Echocardiography, Abstract Sessions IV and Poster Session A, Vol. 8, No. 3 pgs. 345-46, 355, 358-364.
	A 109	Chandra M. Seghal, PhD, et al., "Influence of Postprocessing Curves on Contrast - Echographic Imaging: Preliminary Studies." J. Ultrasound Med., 14 (1995).
	A 110	Dan Sapoznikov, et al., "Left Ventricular Shape, Wall Thickness And Function Based On Three-Dimensional Reconstruction Echocardiography." Dept. of Cardiology, Hadasah University HOspital, Jerusalem, Israel.
	A 111	C.B. Burckhardt, et al., "Ultrasound Axicon: a device for focusing over a large depth." The Journal of the Acoustical Society of America, Vol. 54, No. 6, (1973).
	A 112	Olaf T. von Ramm, et al., "Real Time Volumetric Ultrasound Imaging System." Journal of Digital Imaging, Vol. 3, No. 4 (November), 1990 pp. 261-66.
	A 113	Shinichi Tamura et al., "Three-Dimensional Reconstruction of Echocardiograms Based on Orthogonal Sections." Pattern Recognition Vol. 18, No. 2 pp. 115, 124 (1985).
	A 114	Hugh A. McCann, et al., "Multidimensional Ultrasonic Imaging For Cardiology." Proceedings of the IEEE, Vol. 76, No. 9, September (1988).
	A 115	William E. Lorensen, et al., "Marching Cubes: A High Resolution 3D Surface Construction Algorithm." Computer Graphics, Vol. 21, November 4, July (1987).

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<i>MA</i>	A14	EP 0 846 442 A2	10.06.1998				
	A15						
	A16						
	A17						
	A18						

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A19	
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